

Permit to Operate

FACILITY: N-2232

EXPIRATION DATE: 11/30/200

LEGAL OWNER OR OPERATOR: TRI VALLEY GROWERS PLANT #7

MAILING ADDRESS: PO BOX 3327
MODESTO, CA 95353

FACILITY LOCATION: 2801 FINCH ROAD
MODESTO, CA 95354

FACILITY DESCRIPTION: TOMATO PROCESSING FACILITY

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

DAVID L. CROW

Executive Director / APCO

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Director of Permit Services

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-0-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

PERMIT UNIT REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0], [Federally Enforceable Through Title V]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (7/21/94). [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1], [Federally Enforceable Through Title V]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031], [Federally Enforceable Through Title V]
7. Every application for a permit required under Rule 2010 (12/17/92) (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040], [Federally Enforceable Through Title V]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1], [Federally Enforceable Through Title V]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1], [Federally Enforceable Through Title V]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520(6/15/95) [District Rules 2520, 9.6.2 and 1100, 7.0], [Federally Enforceable Through Title V]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8], [Federally Enforceable Through Title V]

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13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2], [Federally Enforceable Through Title V]
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3], [Federally Enforceable Through Title V]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4], [Federally Enforceable Through Title V]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5], [Federally Enforceable Through Title V]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10], [Federally Enforceable Through Title V]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1], [Federally Enforceable Through Title V]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2], [Federally Enforceable Through Title V]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3], [Federally Enforceable Through Title V]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4], [Federally Enforceable Through Title V]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (12/17/92), by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repack such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1], [Federally Enforceable Through Title V]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1 (12/17/92)), nor manufacture, blend, or repack such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601 (12/17/92). [District Rule 4601, 5.2], [Federally Enforceable Through Title V]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4], [Federally Enforceable Through Title V]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5], [Federally Enforceable Through Title V]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2 (12/17/92). [District Rule 4601, 6.1 and 6.2], [Federally Enforceable Through Title V]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.14.1 and 10.0], [Federally Enforceable Through Title V]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F], [Federally Enforceable Through Title V]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B], [Federally Enforceable Through Title V]

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31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 (4/25/96) unless specifically exempted under section 4 of Rule 8020 (4/25/96). [District Rule 8020], [Federally Enforceable Through Title V]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030 (4/25/96), unless specifically exempted under section 4 of Rule 8030 (4/25/96). [District Rule 8030], [Federally Enforceable Through Title V]
33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 (4/25/96) unless specifically exempted under section 4 of Rule 8060 (4/25/96). [District Rule 8060], [Federally Enforceable Through Title V]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M], [Federally Enforceable Through Title V]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17], [Federally Enforceable Through Title V]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2], [Federally Enforceable Through Title V]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1], [Federally Enforceable Through Title V]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
40. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
41. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
42. Should the facility, as defined in 40 CFR 68.3, become subject to Part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 CFR 68.10. The facility shall certify compliance as part of the annual certification as required by 40 CFR part 70. [40 CFR 68], [Federally Enforceable Through Title V]
43. On October 6, 2000, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days of the end of the reporting period. [District Rule 2520], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-1-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

ONE (1) 500 GALLON ABOVE GROUND GASOLINE STORAGE TANK WITH SUBMERGED FILL PIPE AND ONE (1) NOZZLE. ***** DELETED *****

PERMIT UNIT REQUIREMENTS

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1. The tank is to be equipped with a submerged fill pipe that extends to within six (6) inches of the bottom of the tank. [District Rule 4621]
 2. Nozzles shall be operated in a manner preventing the spilling of liquid gasoline during the refueling of motor vehicles. [District Rule 4622]
 3. Records of monthly gasoline throughput shall be maintained, retained on the premises for at least two years and made available for District inspection upon request. [District Rule 4622]
 4. Total gasoline throughput for the facility shall not exceed either of the following: 10,000 gallons in any consecutive 30-day period or 24,000 gallons per calendar year. Records shall be maintained to demonstrate compliance with these limits. [District Rule 4622]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-2-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

ONE (1) 15 TON RECEIVING HOPPER, TWO (2) RIETZ DISINTEGRATORS(MODEL #RD-18-H32), AND ONE (1) 5400 CUFT STORAGE TANKCONTROLLED BY A FLEXCLEAN FILTER (MODEL #58DU16). ***** DELETED

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-3-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

BOILER #3: BABCOCK AND WILCOX (SERIAL #818-023084 RH), 72 MMBTU/HR

PERMIT UNIT REQUIREMENTS

1. A record of daily fuel consumption shall be maintained, retained on the premises for a period of at least two years and made available for District inspection upon request. [District Rule 1070]
2. The boiler may be fired on natural gas, fuel oil #2, and fuel oil #6. [District Rule 2201]
3. Boiler may be fired on Natural gas at 60,000 #/hr of steam and for a maximum of 8760 hours per year. [District Rule 2201]
4. The boiler may be fired on #2 fuel oil with 0.5% sulfur at 60,000 #/hr of steam and for a maximum of 5322 hours per year or 2,225,102 gallons per year. [District Rule 2201]
5. The boiler may be fired on #6 fuel oil with 0.5% sulfur at 60,000 #/hr of steam and for a maximum of 5231 hours per year or 2,547,736 gallons per year. [District Rule 2201]
6. The boiler may be fired on #6 fuel oil with 1.5% sulfur at 60,000 #/hr of steam and for a maximum of 1744 hours per year or 849,260 gallons per year. [District Rule 2201]
7. A log shall be maintained and contain the following: Date of operation; period of time in operation; type of fuel being used (including natural gas); the daily oil usage; and a running total of oil usage for the season. [District Rule 1070]
8. Any increase in the percentage of sulfur other than specified must be approved by the District 30 days prior to its use. [District Rule 2201]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-4-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

BOILER #2: NEBRASKA (SERIAL #2D1590), 120 MMBTU/HR **** DELETED 07/01/99 ****

PERMIT UNIT REQUIREMENTS

1. The boiler shall only be fired on natural gas. [District Rule 2201]
2. The natural gas usage shall be limited to 866,160 MMBtus per year. [District Rule 2201]
3. A record of daily fuel consumption shall be maintained, retained on the premises for a period of at least two years and made available for District inspection upon request. [District Rule 1070]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-5-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

BOILER #1: NEBRASKA, (NAT. BD. #1607) WITH COEN MODEL #250 BURNER, 72 MMBTU/HR

PERMIT UNIT REQUIREMENTS

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1. A daily log shall be maintained for the boiler which contains the following: Date of operation; period of time in operation; and a running total of natural gas usage for the season. [District Rule 1070]
 2. Boiler #1 shall be fired strictly on natural gas at 60,000 #/hr of steam and for a maximum of 8760 hours/year. [District Rule 2201]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-6-3

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

NEBRASKA 72 MMBTU/HR BOILER (MODEL NS-E-56; SERIAL # 2D1830) EQUIPPED WITH A COMPU-NOX COMBUSTION CONTROL SYSTEM.

PERMIT UNIT REQUIREMENTS

1. The boiler shall be fired on PUC-regulated natural gas only. [District NSR Rule and District Rule 2520 9.4.2], [Federally Enforceable Through Title V]
2. The NOx emissions concentration shall not exceed 30 ppmvd corrected to 3% O2 or 0.036 lbs/MMBtu, except during periods of startup, shutdown, or malfunction. The source test plan shall identify which basis will be used to demonstrate compliance. [District Rule 4305]
3. The CO emissions concentration shall not exceed 200 ppmvd corrected to 3% O2. [District Rule 4305 and District NSR Rule], [Federally Enforceable Through Title V]
4. The VOC emissions concentration shall not exceed 0.0028 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
5. The PM10 emissions concentration shall not exceed 0.014 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
6. The SOx emissions concentration shall not exceed 0.0006 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
7. Operator shall perform source testing for NOx and CO not less than once every 12 months. If compliance is demonstrated for 2 consecutive years, then source testing shall be not less than once every 36 months. [District Rule 4305, 6.3], [Federally Enforceable Through Title V]
8. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
9. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
10. Source testing to measure concentrations of oxides of nitrogen (as NO2) shall be conducted using EPA method 7E or CARB method 100. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
11. Source testing to measure concentrations of carbon monoxide (CO) shall be conducted using EPA method 10 or CARB method 100. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
12. Source testing to measure the stack gas oxygen shall be conducted using EPA methods 3 or 3A, or CARB method 100. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
13. The stack concentration of NOx (as NO2), CO, and O2 shall be measured and recorded at least on a monthly basis using the Compu-NOx emissions analyzer. [District Rule 4305 and 2520, 9.4.2], [Federally Enforceable Through Title V]
14. The Compu-NOx emissions analyzer shall be calibrated as recommended by the manufacturer. All instrument calibration data shall be kept on file including the date of calibration. The calibration date shall not exceed 6 months prior to the date the stack concentrations are measured and recorded. [District Rule 4305 and 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Concentration measurements shall not be taken until the sample acquisition probe has been exposed to the stack gas for at least 150% of the response time. Measurements shall be taken in triplicate. [District Rule 4305 and 2520, 9.4.2], [Federally Enforceable Through Title V]
16. If water vapor is not removed prior to measurement, the absolute humidity in the gas stream must be determined so that the gas concentrations may be reported on a dry basis. [District Rule 4305 and 2520, 9.4.2], [Federally Enforceable Through Title V]
17. If water vapor creates an interference with the measurement of any component, then the water vapor must be removed from the gas stream prior to concentration measurements. [District Rule 4305 and 2520, 9.4.2], [Federally Enforceable Through Title V]
18. The permittee shall maintain records of the date and time of NOx, CO, and O2 measurements, the measured NO2 and CO concentrations corrected to 3% O2, and the O2 concentration. [District Rule 4305 and 2520, 9.4.2], [Federally Enforceable Through Title V]
19. The records must also include a description of any corrective action taken to maintain the emissions within the acceptable range. These records shall be retained at the facility for a period of no less than 5 years and shall be made available for District inspection upon request. [District Rule 4305 and 2520, 9.5.2], [Federally Enforceable Through Title V]

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20. If the NO_x or CO concentrations, as measured by the Compu-NO_x emissions analyzer, exceed the allowable emissions rate, the permittee shall notify the District and take corrective action within one (1) hour after detection. [District Rule 4305 and 2520, 9.4.2], [Federally Enforceable Through Title V]
21. If the Compu-NO_x emissions analyzer readings continue to exceed the allowable emissions rate, the permittee shall conduct an emissions test within 60 days, utilizing the test methods listed on this permit, to demonstrate compliance with the applicable emissions limits. [District Rule 4305 and 2520, 9.4.2], [Federally Enforceable Through Title V]
22. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3], [Federally Enforceable Through Title V]
23. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
24. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
25. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
26. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89 for gaseous fuels. [District Rule 2520, 9.4.2; 4305, 6.2.1; and 4351, 6.2.1], [Federally Enforceable Through Title V]
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Stanislaus County Rule 407, 407.2 and 408; SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201 and 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
29. The requirements of 40 CFR 72.6(b) do not apply to this source. A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
30. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (Amended December 16, 1993), of 3 forty-minute test runs for NO_x, and CO. This mean shall be multiplied by the appropriate factor. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-7-4

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

NEBRASKA 168 MMBTU/HR BOILER (MODEL N2S-7-90; SERIAL # A2212) EQUIPPED WITH A COMPU-NOX COMBUSTION CONTROL SYSTEM.

PERMIT UNIT REQUIREMENTS

1. The boiler shall be fired on PUC-regulated natural gas only. [District NSR Rule and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
2. The NOx emissions concentration shall not exceed 30 ppmvd corrected to 3% O2 or 0.036 lbs/MMBtu, except during periods of startup, shutdown, or malfunction. The source test plan shall identify which basis will be used to demonstrate compliance. [District Rule 4305]
3. The CO emissions concentration shall not exceed 200 ppmvd corrected to 3% O2. [District Rule 4305 and District NSR Rule], [Federally Enforceable Through Title V]
4. The VOC emissions concentration shall not exceed 0.0014 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
5. The PM10 emissions concentration shall not exceed 0.005 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
6. The SOx emissions concentration shall not exceed 0.0006 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
7. Operator shall perform source testing for NOx and CO not less than once every 12 months. If compliance is demonstrated for 2 consecutive years, then source testing shall be not less than once every 36 months. [District Rule 4305, 6.3], [Federally Enforceable Through Title V]
8. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
9. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
10. Source testing to measure concentrations of oxides of nitrogen (as NO2) shall be conducted using EPA method 7E or CARB method 100. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
11. Source testing to measure concentrations of carbon monoxide (CO) shall be conducted using EPA method 10 or CARB method 100. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
12. Source testing to measure the stack gas oxygen shall be conducted using EPA methods 3 or 3A, or CARB method 100. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
13. NOx emissions shall not exceed 0.10 pounds per million Btu including periods of startup, shutdown, or malfunction. Compliance with the 0.10 pound per million Btu limitation shall be based on a 30-day rolling average of the NOx concentration calculated from CEMS. All performance testing shall be done in compliance with 40 CFR 60.8 [40 CFR 60.44b paragraph c, e, h, and i], [Federally Enforceable Through Title V]
14. The nitrogen oxide emission rates measured by the CEMS shall be expressed in lb/million Btu or in ng/J. The 1-hour average emission rates shall be calculated using the data points required under Section 60.13(b). The records shall also include a daily emission rate consisting of an averaged 24 hour rolling emission rate. [40 CFR 60.48b paragraph d], [Federally Enforceable Through Title V]
15. The procedures under Section 60.13 shall be followed for installation, evaluation, and operation of the CEMS. [40 CFR 60.48b paragraph e], [Federally Enforceable Through Title V]
16. In cases of CEMS breakdown, malfunction, repairs, calibration checks, and adjustments, emission data shall be obtained as described in paragraph f of 40 CFR 60.48b. [40 CFR 60.48b paragraph f], [Federally Enforceable Through Title V]
17. The owner shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor for each calendar quarter. [40 CFR 60.49b paragraph d], [Federally Enforceable Through Title V]

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18. The following records shall be kept for each steam generating unit operating day; (1) Calendar date, (2) Average hourly NO_x emission rate, (3) Average 30-day emission rate for preceding 30 operating days, (4) Identification of daily NO_x limit exceedances including reasons for exceedance and the corrective actions taken, (5) Identification of daily CEMS interruptions including reason for interruption and the corrective actions taken, (6) Identification of data exclusions and the reasons for the exclusion, (7) Identification of F factor used for calculations, (8) Identification of times that the pollutant concentration exceed the full span of the CEMS, (9) Description of modifications to the CEMS, (10) Results of daily CEMS drift tests and other tests required under Appendix B. [40 CFR 60.49b paragraph g], [Federally Enforceable Through Title V]
19. The owner shall submit quarterly excess emission reports for any calendar quarter during which there are excess emissions. The owner shall also submit semiannual reports stating that there have been no excess emissions during periods when there have been no excess emissions. [40 CFR 60.49b paragraph h], [Federally Enforceable Through Title V]
20. A Continuous Emissions Monitoring System shall be in place and operating whenever the facility is operating. NO_x emissions in ppmv (as NO₂ corrected to 3% O₂), and O₂ concentrations must be recorded continuously. The 1-hour average emissions rates shall be calculated using the data points required under Section 60.13(b). The records shall also include a daily emission rate consisting of an averaged 24 hour rolling emission rate. [NSR; 40 CFR 60.48b paragraph b, c, and d], [Federally Enforceable Through Title V]
21. Daily summaries of continuous monitoring records for each calendar quarter shall be submitted to the District within 30 days of the end of the calendar quarter. [40 CFR 60.49b paragraph i], [Federally Enforceable Through Title V]
22. Operation and calibration of the Continuous Emissions Monitoring System shall be in accordance with the requirements of 40 CFR, Part 60, Appendix B. [District Rule 1080], [Federally Enforceable Through Title V]
23. The owner/operator shall on an annual basis perform a relative accuracy test (RATA) as specified by 40 CFR Part 60, Appendix F, and as specified by 40 CFR Part 60, Appendix B, Spec. 2, Section 7. [40 CFR Part 60.13(c), District Rule 1080], [Federally Enforceable Through Title V]
24. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
25. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3], [Federally Enforceable Through Title V]
26. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Stanislaus County Rule 407, 407.2 and 408; SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201 and 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements 40 CFR 60 Subpart Db. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
29. The requirements of 40 CFR 72.6(b) do not apply to this source. A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
30. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89 for gaseous fuels. [District Rule 2520, 9.4.2; 4305, 6.2.1; and 4351, 6.2.1], [Federally Enforceable Through Title V]
31. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (Amended December 16, 1993), of 3 forty-minute test runs for NO_x, and CO. This mean shall be multiplied by the appropriate factor. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-8-3

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

BOILER #6: NEBRASKA 168 MMBTU/HR STEAM BOILER WITH LOW NOX BURNER, FGR, ECONOMIZER, AND O2 TRIM

PERMIT UNIT REQUIREMENTS

1. The low-NOx burner and flue gas recirculation (FGR) system shall be properly maintained and kept in good condition. [District NSR Rule], [Federally Enforceable Through Title V]
2. The boiler shall be fired on PUC-regulated natural gas only. [District NSR Rule and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
3. The NOx emissions concentration shall not exceed 30 ppmvd corrected to 3% O2 or 0.036 lbs/MMBtu, except during periods of startup, shutdown, or malfunction. The source test plan shall identify which basis will be used to demonstrate compliance. [District Rule 4305]
4. The CO emission concentration shall not exceed 0.136 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
5. Operator shall perform source testing for NOx and CO not less than once every 12 months. If compliance is demonstrated for 2 consecutive years, then source testing shall be not less than once every 36 months. [District Rule 4305, 6.3]
6. EPA Method 7E or ARB Method 100 shall be used to determine the concentration of oxides of nitrogen, measured as NO2. [District Rule 4305 and District Rule 4351]
7. EPA Method 10 or ARB Method 100 shall be used to determine the concentration of carbon monoxide. [District Rule 4305 and District Rule 4351]
8. EPA Method 3 or 3a, or ARB Method 100 shall be used to determine the stack gas oxygen. [District Rule 4305 and District Rule 4351]
9. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
10. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
11. NOx emissions shall not exceed 0.10 pounds per million Btu including periods of startup, shutdown, or malfunction. Compliance with the 0.10 pound per million Btu limitation shall be based on a 30-day rolling average of the NOx concentration calculated from CEMS. All performance testing shall be done in compliance with 40 CFR 60.8 [40 CFR 60.44b paragraph c, e, h, and i], [Federally Enforceable Through Title V]
12. The nitrogen oxide emission rates measured by the CEMS shall be expressed in lb/million Btu or in ng/J. The 1-hour average emission rates shall be calculated using the data points required under Section 60.13(b). The records shall also include a daily emission rate consisting of an averaged 24 hour rolling emission rate. [NSR;40 CFR 60.48b paragraph d], [Federally Enforceable Through Title V]
13. The procedures under Section 60.13 shall be followed for installation, evaluation, and operation of the CEMS. [40 CFR 60.48b paragraph e], [Federally Enforceable Through Title V]
14. In cases of CEMS breakdown, malfunction, repairs, calibration checks, and adjustments, emission data shall be obtained as described in paragraph f of 40 CFR 60.48b. [40 CFR 60.48b paragraph f], [Federally Enforceable Through Title V]
15. The owner shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor for each calendar quarter. [40 CFR 60.49b paragraph d], [Federally Enforceable Through Title V]
16. The following records shall be kept for each steam generating unit operating day; (1) Calendar date, (2) Average hourly NOx emission rate, (3) Average 30-day emission rate for preceding 30 operating days, (4) Identification of daily NOx limit exceedances including reasons for exceedance and the corrective actions taken, (5) Identification of daily CEMS interruptions including reason for interruption and the corrective actions taken, (6) Identification of data exclusions and the reasons for the exclusion, (7) Identification of F factor used for calculations, (8) Identification of times that the pollutant concentration exceed the full span of the CEMS, (9) Description of modifications to the CEMS, (10) Results of daily CEMS drift tests and other tests required under Appendix B. [40 CFR 60.49b paragraph g], [Federally Enforceable Through Title V]
17. The owner shall submit quarterly excess emission reports for any calendar quarter during which there are excess emissions. The owner shall also submit semiannual reports stating that there have been no excess emissions during periods when there have been no excess emissions. [40 CFR 60.49b paragraph h], [Federally Enforceable Through Title V]

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18. A Continuous Emissions Monitoring System shall be in place and operating whenever the facility is operating. NO_x emissions in ppmv (as NO₂ corrected to 3% O₂), and O₂ concentrations must be recorded continuously. The 1-hour average emissions rates shall be calculated using the data points required under Section 60.13(b). The records shall also include a daily emission rate consisting of an averaged 24 hour rolling emission rate. [40 CFR 60.48b paragraph b, c, and d], [Federally Enforceable Through Title V]
19. Daily summaries of continuous monitoring records for each calendar quarter shall be submitted to the District within 30 days of the end of the calendar quarter. [40 CFR 60.49b paragraph i], [Federally Enforceable Through Title V]
20. Operation and calibration of the Continuous Emissions Monitoring System shall be in accordance with the requirements of 40 CFR, Part 60, Appendix B. [District Rule 1080], [Federally Enforceable Through Title V]
21. The owner/operator shall on an annual basis perform a relative accuracy test (RATA) as specified by 40 CFR Part 60, Appendix F, and as specified by 40 CFR Part 60, Appendix B, Spec. 2, Section 7. [40 CFR Part 60.13(c), District Rule 1080], [Federally Enforceable Through Title V]
22. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
23. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3], [Federally Enforceable Through Title V]
24. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Stanislaus County Rule 407, 407.2 and 408; SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
25. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201 and 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
26. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements 40 CFR 60 Subpart Db. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
27. The requirements of 40 CFR 72.6(b) do not apply to this source. A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
28. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (Amended December 16, 1993), of 3 forty-minute test runs for NO_x, and CO. This mean shall be multiplied by the appropriate factor. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
29. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89 for gaseous fuels. [District Rule 2520, 9.4.2; 4305, 6.2.1; and 4351, 6.2.1], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-11-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

BOILER #1: ONE (1) 144 MMBTU/HR CLEAVER BROOKS BOILER (MODEL #DLDH-110) WITH A TODD LOW NOX BURNER (MODEL #T1450XGXM350)

PERMIT UNIT REQUIREMENTS

1. The boiler shall be fired on PUC-regulated natural gas only. [District NSR Rule and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
2. The NOx emissions concentration shall not exceed 30 ppmv, dry, corrected to 3% O2, except during periods of startup, shutdown, or malfunction. [District Rule 4305]
3. The CO emissions concentration shall not exceed 400 ppmv, dry, corrected to 3% O2, except during periods of startup, shutdown, or malfunction. [District Rule 4305]
4. Operator shall perform source testing for NOx and CO not less than once every 12 months. If compliance is demonstrated for 2 consecutive years, then source testing shall be not less than once every 36 months. [District Rule 4305, 6.3], [Federally Enforceable Through Title V]
5. EPA Method 7E or ARB Method 100 shall be used to determine the concentration of oxides of nitrogen, measured as NO2. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
6. EPA Method 10 or ARB Method 100 shall be used to determine the concentration of carbon monoxide. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
7. EPA Method 3 or 3a, or ARB Method 100 shall be used to determine the stack gas oxygen. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
8. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
9. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
10. NOx emissions shall not exceed 0.10 pounds per million Btu including periods of startup, shutdown, or malfunction. Compliance with the 0.10 pound per million Btu limitation shall be based on a 30-day rolling average of the NOx concentration calculated from CEMS. All performance testing shall be done in compliance with 40 CFR 60.8 [40 CFR 60.44b paragraph c, e, h, and i], [Federally Enforceable Through Title V]
11. The nitrogen oxide emission rates measured by the CEMS shall be expressed in lb/million Btu or in ng/J. The 1-hour average emission rates shall be calculated using the data points required under Section 60.13(b). The records shall also include a daily emission rate consisting of an averaged 24 hour rolling emission rate. [40 CFR 60.48b paragraph d], [Federally Enforceable Through Title V]
12. The procedures under Section 60.13 shall be followed for installation, evaluation, and operation of the CEMS. [40 CFR 60.48b paragraph e], [Federally Enforceable Through Title V]
13. In cases of CEMS breakdown, malfunction, repairs, calibration checks, and adjustments, emission data shall be obtained as described in paragraph f of 40 CFR 60.48b. [40 CFR 60.48b paragraph f], [Federally Enforceable Through Title V]
14. The owner shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor for each calendar quarter. [40 CFR 60.49b paragraph d], [Federally Enforceable Through Title V]
15. The following records shall be kept for each steam generating unit operating day: (1) Calendar date, (2) Average hourly NOx emission rate, (3) Average 30-day emission rate for preceding 30 operating days, (4) Identification of daily NOx limit exceedances including reasons for exceedance and the corrective actions taken, (5) Identification of daily CEMS interruptions including reason for interruption and the corrective actions taken, (6) Identification of data exclusions and the reasons for the exclusion, (7) Identification of F factor used for calculations, (8) Identification of times that the pollutant concentration exceed the full span of the CEMS, (9) Description of modifications to the CEMS, (10) Results of daily CEMS drift tests and other tests required under Appendix B. [40 CFR 60.49b paragraph g], [Federally Enforceable Through Title V]

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16. The owner shall submit quarterly excess emission reports for any calendar quarter during which there are excess emissions. The owner shall also submit semiannual reports stating that there have been no excess emissions during periods when there have been no excess emissions. [40 CFR 60.49b paragraph h], [Federally Enforceable Through Title V]
17. A Continuous Emissions Monitoring System shall be in place and operating whenever the facility is operating. NOx emissions in ppmv (as NO2 corrected to 3% O2, and O2 concentrations must be recorded continuously. The 1-hour average emissions rates shall be calculated using the data points required under Section 60.13(b). The records shall also include a daily emission rate consisting of an averaged 24 hour rolling emission rate. [NSR; 40 CFR 60.48b paragraph b, c, and d], [Federally Enforceable Through Title V]
18. Daily summaries of continuous monitoring records for each calendar quarter shall be submitted to the District within 30 days of the end of the calendar quarter. [40 CFR 60.49b paragraph i], [Federally Enforceable Through Title V]
19. Operation and calibration of the Continuous Emissions Monitoring System shall be in accordance with the requirements of 40 CFR, Part 60, Appendix B. [District Rule 1080], [Federally Enforceable Through Title V]
20. The owner/operator shall on an annual basis perform a relative accuracy test (RATA) as specified by 40 CFR Part 60, Appendix F, and as specified by 40 CFR Part 60, Appendix B, Spec. 2, Section 7. [40 CFR Part 60.13(c), District Rule 1080], [Federally Enforceable Through Title V]
21. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.5.2]
22. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO2, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3], [Federally Enforceable Through Title V]
23. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Stanislaus County Rule 407, 407.2 and 408; SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
24. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201 and 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
25. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements 40 CFR 60 Subpart Db. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
26. The requirements of 40 CFR 72.6(b) do not apply to this source. A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
27. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (Amended December 16, 1993), of 3 forty-minute test runs for NOx, and CO. This mean shall be multiplied by the appropriate factor. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
28. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89 for gaseous fuels. [District Rule 2520, 9.4.2; 4305, 6.2.1; and 4351, 6.2.1], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-12-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

ONE (1) 290 HP CUMMINS DIESEL FIRED IC ENGINE (MODEL NHS-6-1-F POWERING AN EMERGENCY FIRE PUMP

PERMIT UNIT REQUIREMENTS

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
6. The permittee shall maintain records of hours of non-emergency operation and of the sulfur content of the diesel fuel used. Such records shall be made available for District inspection upon request for a period of five years. [District Rule 1070 and District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
7. The engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes, shall not exceed 200 hours per year. [District Rule 2520, 9.4.2 and District Rule 4701], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-13-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

ONE (1) 290 HP CUMMINS DIESEL FIRED IC ENGINE (MODEL NHS-6-1-F POWERING AN EMERGENCY FIRE PUMP

PERMIT UNIT REQUIREMENTS

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
6. The permittee shall maintain records of hours of non-emergency operation and of the sulfur content of the diesel fuel used. Such records shall be made available for District inspection upon request for a period of five years. [District Rule 1070 and District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
7. The engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes, shall not exceed 200 hours per year. [District Rule 2520, 9.4.2 and District Rule 4701], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-2232-14-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

INDUSTRIAL STEAM 120 MMBTU/HR BOILER (MODEL DS35-112; SERIAL #4202) EQUIPPED WITH A PEABODY MODEL APR BURNER PACKAGE AND "COMPU-NOX" NOX CONTROL EQUIPMENT WITH INDUCED FLUE GAS RECIRCULATION.

PERMIT UNIT REQUIREMENTS

1. The boiler shall be fired on PUC-regulated natural gas only. [District NSR Rule and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
2. The natural gas usage shall not exceed 866,160 MMBtus per year. [District Rules 4305 and District NSR Rule], [Federally Enforceable Through Title V]
3. A record of daily and cumulative annual fuel consumption shall be maintained, retained on the premises for a period of at least two years and made available for District inspection upon request. [District Rule 1070], [Federally Enforceable Through Title V]
4. The NOx emissions concentration shall not exceed 30 ppmvd corrected to 3% O2. [District Rule 4305 and District NSR Rule], [Federally Enforceable Through Title V]
5. The CO emissions concentration shall not exceed 200 ppmvd corrected to 3% O2. [District Rule 4305 and District NSR Rule], [Federally Enforceable Through Title V]
6. The VOC emissions concentration shall not exceed 0.0014 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
7. The PM10 emissions concentration shall not exceed 0.005 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
8. The SOx emissions concentration shall not exceed 0.0006 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
9. Operator shall perform source testing for NOx and CO not less than once every 12 months. If compliance is demonstrated for 2 consecutive years, then source testing shall be not less than once every 36 months. [District Rule 4305, 6.3]
10. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
11. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
12. Source testing to measure concentrations of oxides of nitrogen (as NO2) shall be conducted using EPA method 7E or CARB method 100. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
13. Source testing to measure concentrations of carbon monoxide (CO) shall be conducted using EPA method 10 or CARB method 100. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
14. Source testing to measure the stack gas oxygen shall be conducted using EPA methods 3 or 3A, or CARB method 100. [District Rule 4305 and District Rule 4351], [Federally Enforceable Through Title V]
15. NOx emissions shall not exceed 0.10 pounds per million Btu including periods of startup, shutdown, or malfunction. Compliance with the 0.10 pound per million Btu limitation shall be based on a 30-day rolling average of the NOx concentration calculated from CEMS. All performance testing shall be done in compliance with 40 CFR 60.8 [40 CFR 60.44b paragraph c, e, h, and i], [Federally Enforceable Through Title V]
16. The nitrogen oxide emission rates measured by the CEMS shall be expressed in lb/million Btu or in ng/J. The 1-hour average emission rates shall be calculated using the data points required under Section 60.13(b). The records shall also include a daily emission rate consisting of an averaged 24 hour rolling emission rate. [40 CFR 60.48b paragraph d], [Federally Enforceable Through Title V]
17. The procedures under Section 60.13 shall be followed for installation, evaluation, and operation of the CEMS. [40 CFR 60.48b paragraph e], [Federally Enforceable Through Title V]
18. In cases of CEMS breakdown, malfunction, repairs, calibration checks, and adjustments, emission data shall be obtained as described in paragraph f of 40 CFR 60.48b. [40 CFR 60.48b paragraph f], [Federally Enforceable Through Title V]

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19. The owner shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor for each calendar quarter. [40 CFR 60.49b paragraph d], [Federally Enforceable Through Title V]
20. The following records shall be kept for each steam generating unit operating day; (1) Calendar date, (2) Average hourly NOx emission rate, (3) Average 30-day emission rate for preceding 30 operating days, (4) Identification of daily NOx limit exceedances including reasons for exceedance and the corrective actions taken, (5) Identification of daily CEMS interruptions including reason for interruption and the corrective actions taken, (6) Identification of data exclusions and the reasons for the exclusion, (7) Identification of F factor used for calculations, (8) Identification of times that the pollutant concentration exceed the full span of the CEMS, (9) Description of modifications to the CEMS, (10) Results of daily CEMS drift tests and other tests required under Appendix B. [40 CFR 60.49b paragraph g], [Federally Enforceable Through Title V]
21. The owner shall submit quarterly excess emission reports for any calendar quarter during which there are excess emissions. The owner shall also submit semiannual reports stating that there have been no excess emissions during periods when there have been no excess emissions. [40 CFR 60.49b paragraph h], [Federally Enforceable Through Title V]
22. A Continuous Emissions Monitoring System shall be in place and operating whenever the facility is operating. NOx emissions in ppmv (as NO2 corrected to 3% O2, and O2 concentrations must be recorded continuously. The 1-hour average emissions rates shall be calculated using the data points required under Section 60.13(b). The records shall also include a daily emission rate consisting of an averaged 24 hour rolling emission rate. [NSR; 40 CFR 60.48b paragraph b, c, and d], [Federally Enforceable Through Title V]
23. Daily summaries of continuous monitoring records for each calendar quarter shall be submitted to the District within 30 days of the end of the calendar quarter. [40 CFR 60.49b paragraph i], [Federally Enforceable Through Title V]
24. Operation and calibration of the Continuous Emissions Monitoring System shall be in accordance with the requirements of 40 CFR, Part 60, Appendix B. [District Rule 1080], [Federally Enforceable Through Title V]
25. The owner/operator shall on an annual basis perform a relative accuracy test (RATA) as specified by 40 CFR Part 60, Appendix F, and as specified by 40 CFR Part 60, Appendix B, Spec. 2, Section 7. [40 CFR Part 60.13(c), District Rule 1080], [Federally Enforceable Through Title V]
26. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.5.2]
27. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO2, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3], [Federally Enforceable Through Title V]
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Stanislaus County Rule 407, 407.2 and 408; SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
29. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201 and 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements 40 CFR 60 Subpart Db. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
31. The requirements of 40 CFR 72.6(b) do not apply to this source. A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
32. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (Amended December 16, 1993), of 3 fourty-minute test runs for NOx, and CO. This mean shall be multiplied by the appropriate factor. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
33. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89 for gaseous fuels. [District Rule 2520, 9.4.2; 4305, 6.2.1; and 4351, 6.2.1], [Federally Enforceable Through Title V]

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